

ABSTRACT

METHODS OF ALLEVIATING NEUROPATHIC PAIN

The invention provides a method of alleviating neuropathic pain in a subject by administering a neuropathic pain alleviating amount of prosaposin receptor agonist to the subject. The invention also provides a method of inhibiting the onset of neuropathic pain in a subject by administering neuropathic pain alleviating amount of prosaposin receptor agonist to the subject. The present invention also provides prosaposin receptor agonists and the use of these agonists for stimulating neurite outgrowth, inhibiting neural cell death, promoting myelination and inhibiting neural demyelination. In addition, there is provided a method of inhibiting sensory or motor neuropathy by contacting neuronal cells with a composition comprising an effective inhibiting amount of prosaposin receptor agonist.

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